

Application No. 10/733,764
Amendment dated August 10, 2006
Reply to Office Action of April 14, 2006

Docket No.: 31509-199595

REPLACEMENT ABSTRACT

A method for digital printing is provided. The method includes selective printing of selected dots in a first matrix of dots in a selected colour, which dots are spaced apart by a distance which exceeds the dot size; partial curing of the print droplets by UV light; selective printing of selected dots of a second matrix of intermediate dots in X-direction, in each case using the same colour; partial curing of these intermediate dots using UV light; advancing the material to be printed in Y-direction; selective printing of selected dots of a third matrix of intermediate dots, in relation to the first or second matrix, in Y-direction in the selected colour; partial curing of the print droplets by UV light; selective printing of selected dots of a fourth matrix of intermediate dots in X-direction, in relation to the third matrix, in the selected colour; partial curing of these intermediate dots, using UV light; advancing the material; repeating these steps until the print image is generated on the material in the selected colour; and curing all the dots, using a curing UV light-source.